



PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 0399.2027-001		APPLICATION NO. 10/077,178	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION January 3, 2003 (Use several sheets if necessary)		APPLICANT Chang-Zheng Chen and Harvey F. Lodish			
		FILING DATE February 15, 2002		CONFIRMATION NO. 9519	GROUP 1645

U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL	DOCUMENT NUMBER	ISSUE DATE / PUBLICATION DATE	NAME
AA			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
CA	AL	WO 99/53022	21-OCT-1999	PCT			
V	AM	WO 99/53022 A3	21-OCT-1999	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CA	AR	Elefanty, A.G., et al., "Characterization of Hematopoietic Progenitor Cells That Express The Transcription Factor SCL, Using a lacZ 'knock-in' Strategy," <i>Proc. Natl. Acad. Sci. USA</i> 95(20):11897-11902 (1998).					
	AS	Jordan, C.T., et al., "Recent Progress in Identifying Genes Regulating Hematopoietic Stem Cell Function and Fate," <i>Curr. Opin. Cell Biol.</i> 10(6):716-720 (1998).					
	AT	Wang, S., et al., "Isolation of Neuronal Precursors By Sorting Embryonic Forebrain Transfected With GFP Regulated By The Tα1 Tubulin Promoter," <i>Nature Biotechnol.</i> 16(2):196-201 (1998).					
	AU	Morrison, S.J., et al., "Regulatory Mechanisms in Stem Cell Biology," <i>Cell</i> , 88:287-298 (1997).					
	AV	Weissman, I.L., "Stem Cells: Units of Development, Units of Regeneration, and Units in Evolution," <i>Cell</i> , 100:157-168 (2000).					
	AW	Kondo, M., et al., "Identification of Clonogenic Common Lymphoid Progenitors in Mouse Bone Marrow," <i>Cell</i> , 91:661-672 (1997).					
	AX	Georgopoulos, K., et al., "The Ikaros Gene is Required for the Development of All Lymphoid Lineages," <i>Cell</i> , 79:143-156 (1994).					
	AY	Winandy, S., et al., "A Dominant Mutation in the Ikaros Gene Leads to Rapid Development of Leukemia and Lymphoma," <i>Cell</i> , 83:289-299 (1995).					
	AZ	Akashi, K., et al., "A Clonogenic Common Myeloid Progenitor That Gives Rise to All Myeloid Lineages," <i>Nature</i> , 404:193-197 (2000).					
	AR2	Shivdasani, R.A., et al., "Absence of Blood Formation in Mice Lacking the T-cell Leukaemia Oncoprotein tal-1/SCL," <i>Nature</i> , 373:432-434 (1995).					
V	AS2	Weissman, I.L., "Translating Stem and Progenitor Cell Biology to the Clinic: Barriers and Opportunities," <i>Science</i> , 287:1442-1446 (2000).					

EXAMINER 	DATE CONSIDERED 2/19/04
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CA	AT2	Klug, C.A., et al., "Hematopoietic Stem Cells and Lymphoid Progenitors Express Different Ikaros Isoforms, and Ikaros is Localized to Heterochromatin in Immature Lymphocytes," <i>Proc. Natl. Acad. Sci. USA</i> , 95:657-662 (1998).
	AU2	Skarnes, W.C., et al., "Capturing Genes Encoding Membrane and Secreted Proteins Important for Mouse Development," <i>Proc. Natl. Acad. Sci. USA</i> 92:6592-6596 (1995).
	AV2	Szilvassy, S.J., et al., "Quantitative Assay for Totipotent Reconstituting Hematopoietic Stem Cells by a Competitive Repopulation Strategy," <i>Proc. Natl. Acad. Sci. USA</i> , 87:8736-8740 (1990).
	AW2	Moore, K.A., et al., "In Vitro Maintenance of Highly Purified, Transplantable Hematopoietic Stem Cells," <i>Blood</i> , 89(12):4337-4347 (1997).
	AX2	Audet, J., et al., "Advances in Hematopoietic Stem Cell Culture," <i>Curr. Opin. Biotechnol.</i> , 9(2):146-151 (1998).
	AY2	Lemischka, I., et al., "Searching for Stem Cell Regulatory Molecules: Some General Thoughts and Possible Approaches," <i>Ann. N.Y. Acad. Sci.</i> , 872:274-288 (1999).
	AZ2	Jordan, C.T., et al., "Long-term Repopulating Abilities of Enriched Fetal Liver Stem Cells Measured by Competitive Repopulation," <i>Exp. Hematol.</i> , 23:1011-1015 (1995).
	AR3	Ploemacher, R.E., et al., "An In Vitro Limiting-Dilution Assay of Long-Term Repopulating Hematopoietic Stem Cells in the Mouse," <i>Blood</i> , 74(8):2755-2763 (1989).
	AS3	Eaves, C.J., et al., "Molecular Analysis of Primitive Hematopoietic Cell Proliferation Control Mechanisms," <i>Ann. N.Y. Acad. Sci.</i> , 628:298-306 (1991).
	AT3	Yang, X.W., et al., "BAC-mediated Gene-dosage Analysis Reveals a Role for Zip1 (Ru49/Zfp38) in Progenitor Cell Proliferation in Cerebellum and Skin," <i>Nature Genet.</i> , 22(4):327-335 (1999).

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CA	AU3	Metcalf, D., "Stem Cells, Pre-Progenitor Cells and Lineage-Committed Cells: Are Our Dogmas Correct?," Ann. N.Y. Acad. Sci., 872:289-304 (1999).			
	AV3	Begley, C.G., et al., "The SCL Gene: From Case Report to Critical Hematopoietic Regulator," Blood, 93(9):2760-70 (1999).			
	AW3	Georgopoulos, K., "Transcription Factors Required for Lymphoid Lineage Commitment," Curr. Opin. Immunol., 9:222-227 (1997).			
	AX3	Elefanty, A.G., et al., "SCL Expression in the Mouse Embryo Detected With a Targeted lacZ Reporter Gene Demonstrates Its Localization to Hematopoietic, Vascular, and Neural Tissues," Blood, 94(11):3754-3763 (1999).			
	AY3	Porcher, C., et al., "Specification of Hematopoietic and Vascular Development by the bHLH Transcription Factor SCL Without Direct DNA Binding," Development, 126:4603-4615 (1999).			
	AZ3	Green, A.R., et al., "Antisense SCL Suppresses Self-renewal and Enhances Spontaneous Erythroid Differentiation of the Human Leukaemic Cell Line K562," EMBO J., 10(13):4153-4158 (1991).			
	AR4	Green, A.R., et al., "Erythroid Expression of the 'Helix-Loop-Helix' Gene, SCL," Oncogene, 6:475-479 (1991).			
	AS4	Molnár, A., et al., "The Ikaros Gene Encodes a Family of Functionally Diverse Zinc Finger DNA-Binding Proteins," Mol. Cell Biol., 14(12):8292-8303 (1994).			
	AT4	Nichogiannopoulou, A., et al., "Defects in Hemopoietic Stem Cell Activity in Ikaros Mutant Mice," J. Exp. Med., 190(9):1201-1213 (1999).			
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CO	AU4	Dillon, N., et al., "Transcriptional Regulation of Multigene Loci: Multilevel Control," <i>Trends Genet.</i> , 9(4):134-137 (1993).			
	AV4	Wilson, C., et al., "Position Effects on Eukaryotic Gene Expression," <i>Ann. Rev. Cell Biol.</i> , 6:679-714 (1990).			
	AW4	Ploemacher, R.E., et al., "Characteristics of the CFU-s Population in Mice Carrying the Sl ¹ Allele," <i>Cell Tissue Kinet.</i> , 17(1):1-12 (1984).			
	AX4	Ploemacher, R.E., et al., "Regulation of Haemopoietic Stem-Cell Proliferation in Mice Carrying the Sl ¹ Allele," <i>Cell Tissue Kinet.</i> , 17(4):375-385 (1984).			
	AY4	Lemieux, M.E., et al., "Characterization and Purification of a Primitive Hematopoietic Cell Type in Adult Mouse Marrow Capable of Lymphomyeloid Differentiation in Long-Term Marrow 'Switch' Cultures," <i>Blood</i> , 86(4):1339-1347 (1995).			
	AZ4	Szilvassy, S.J., et al., "Isolation in a Single Step of a Highly Enriched Murine Hematopoietic Stem Cell Population With Competitive Long-Term Repopulating Ability," <i>Blood</i> , 74(3):930-939 (1989).			
	AR5	Goodell, M.A., et al., "Isolation and Functional Properties of Murine Hematopoietic Stem Cells that are Replicating In Vivo," <i>J. Exp. Med.</i> , 183(4):1797-1806 (1996).			
	AS5	Sánchez, M.-J., et al., "An SCL 3' Enhancer Targets Developing Endothelium Together With Embryonic and Adult Haematopoietic Progenitors," <i>Development</i> , 126:3891-3904 (1999).			
✓	AT5	Brennan, J., et al., "Gene Trapping in Mouse Embryonic Stem Cells," <i>Methods Mol. Biol.</i> , 97:123-138 (1999).			
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CO	AUS	Liu, X., et al., "Generation of Mammalian Cells Stably Expressing Multiple Genes at Predetermined Levels," <i>Anal. Biochem.</i> , 280(1):20-28 (2000).			
	AVS	Hua, X., et al., "Synergistic Cooperation of TFE3 and Smad Proteins in TGF- β -induced Transcription of the Plasminogen Activator Inhibitor-1 Gene," <i>Genes Dev.</i> , 12(19):3084-3095 (1998).			
	AW5	Ema, H., et al., "Expansion of Hematopoietic Stem Cells in the Developing Liver of a Mouse Embryo," <i>Blood</i> , 95(7):2284-2288 (2000).			
	AX5	Naviaux, R.K., et al., "The pCL Vector System: Rapid Production of Helper-Free, High-Titer, Recombinant Retroviruses," <i>J. Virol.</i> , 70(8):5701-5705 (1996).			
	AY5	Yang, X.W., et al., "Homologous Recombination Based Modification in <i>Escherichia coli</i> and Germline Transmission in Transgenic Mice of a Bacterial Artificial Chromosome," <i>Nature Biotechnol.</i> , 15:859-865 (1997).			
✓	AZ5	Visvader, J., et al., "Helix-Loop-Helix Genes Translocated in Lymphoid Leukemia," <i>TIBS</i> , 16(9):330-333, (1991).			
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